

MICHIGAN CIVIL SERVICE COMMISSION
JOB SPECIFICATION
ELEVATOR INSPECTOR

JOB DESCRIPTION

Employees in this job serve as elevator inspectors conducting inspections of new and existing elevator installations to ensure compliance with state laws, rules, codes, and standards for elevator safety.

There are three classifications in this job.

Position Code Title - Elevator Inspector-E

Elevator Inspector 10

This is the intermediate level. The employee performs a limited range of elevator inspection assignments in a developing capacity.

Elevator Inspector E11

This is the experienced level. The employee performs a full range of elevator inspection assignments and exercises considerable independent judgment to interpret and apply guidelines to specific situations.

Position Code Title - Elevator Inspector-A

Elevator Inspector 12

This is the advanced level. The employee either functions as a lead worker overseeing the work of others or as a senior worker. Senior-level employees consistently perform complex assignments beyond those expected at the experienced level that have been approved by Civil Service.

JOB DUTIES

NOTE: The job duties listed are typical examples of the work performed by positions in this job classification. Not all duties assigned to every position are included, nor is it expected that all positions will be assigned every duty.

Inspects the operating condition of new, existing, and altered elevating equipment, using visual observation and mechanical testing equipment to ensure compliance with state elevator safety laws, rules, codes, and standards.

Investigates all elevator accidents within a defined area to gather evidence and determine cause.

Reviews proposed construction plans and documents to determine compliance with applicable laws, regulations, and codes.

Investigates complaints of hazardous or improper elevator operation.

Issues correction orders to responsible parties stating elevator safety violations and required correction date.

Investigates noncompliance with correction orders to establish necessary evidence for potential legal action.

Advises contractors, architects, state, and local building officials in the proper design, construction, installation, alteration, maintenance, and operation of elevators.

Instructs fire department personnel in the proper procedures for removing passengers from stalled elevators and the operation of elevators during emergency situations.

Testifies as an expert witness at hearings and formal proceedings to interpret and evaluate records pertaining to elevator design, construction, installation, maintenance, and operation.

Seals elevators out of service when inspection reveals serious code violations making continued service hazardous.

Prepares and/or maintains reports, files, and correspondence related to the work.

Performs related work as assigned.

Additional Job Duties

Elevator Inspector 10

Performs permit and routine elevator inspections on elevators for which they are already licensed. Additional devices will be added as training progresses.

Elevator Inspector E11

Performs routine elevator inspections and new elevator installation inspections on all devices.

Elevator Inspector 12 (Lead Worker)

Determines work priorities, assigns work, and oversees the work of Elevator Inspectors.

Provides instruction and training in the proper methods and processes necessary to carry out elevator inspector assignments.

Elevator Inspector 12 (Senior Worker)

Performs on a regular basis the most complex and difficult investigations, projects, accident investigations, evaluations and complaints, and issues of a sensitive nature.

JOB QUALIFICATIONS

Knowledge, Skills, and Abilities

NOTE: Considerable knowledge is required at the experienced level and thorough knowledge is required at the advanced level.

Knowledge of the state elevator safety laws, rules, codes, and standards.

Knowledge of the standard practices, processes, tools, equipment, and materials related to the construction, installation, maintenance, repair, and operation of elevators.

Knowledge of elevator inspection techniques and practices.

Knowledge of the occupational hazards and safety precautions applicable to the work.

Knowledge of basic investigative techniques and procedures.

Ability to interpret, apply and explain to others the elevator safety codes, laws, rules, and standards relative to the work.

Ability to read and interpret elevator plans and specifications.

Ability to observe critically, obtain accurate data, and prepare reports.

Ability to communicate effectively.

Ability to maintain favorable public relations.

Ability to operate a motor vehicle.

Additional Knowledge, Skills, and Abilities

Elevator Inspector 12 (Lead Worker)

Ability to prioritize and evaluate the work of others.

Ability to train and instruct others in the work.

Ability to organize and coordinate the work of the unit.

Ability to assign work.

Elevator Inspector 12 (Senior Worker)

Ability to perform the most complex elevator inspector assignments.

Working Conditions

Work is performed in elevator hoistways, pits, and machine rooms; on top of moving elevators and in high voltage areas.

Considerable travel by automobile may be required.

Physical Requirements

None

Education

Education typically acquired through completion of high school.

Experience

Elevator Inspector 10

Five years of experience in the construction, installation, repair or maintenance of elevators, including two years equivalent to a journey-level elevator, skilled trades worker.

Elevator Inspector E11

Six years of experience in the construction, installation, repair, or maintenance of elevators, including two years equivalent to a journey-level, elevator, skilled trades worker.

Elevator Inspector 12

Seven years of experience in the construction, installation, repair, or maintenance of elevators, including two years equivalent to a journey-level, elevator, skilled trades worker and one year equivalent to an Elevator Inspector E11.

Special Requirements, Licenses, and Certifications

Possession of a Michigan driver's license.

Elevator Inspector 10:

Possession of a Class C elevator journeyperson license issued by the State of Michigan with at least a Limited Use/Limited Application (LULA) classification; OR equivalent requirements accepted for Class C elevator journeyperson licensure with at least a Limited Use/Limited Application (LULA) classification as accepted by the State of Michigan licensing agency.

Elevator Inspector E11/12:

Possession of a Class A elevator journeyperson or elevator contractor's license issued by the State of Michigan; OR equivalent requirements accepted for Class A elevator journeyperson or elevator contractor's licensure as accepted by the State of Michigan licensing agency.

NOTE: Equivalent combinations of education and experience that provide the required knowledge, skills, and abilities will be evaluated on an individual basis.

JOB CODE, POSITION TITLES AND CODES, AND COMPENSATION INFORMATION

<u>Job Code</u>	<u>Job Code Description</u>	
ELEVATISP	ELEVATOR INSPECTOR	
<u>Position Title</u>	<u>Position Code</u>	<u>Pay Schedule</u>
Elevator Inspector-E	ELEVISPE	A02-039
Elevator Inspector-A	ELEVISPA	A02-041

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